

Figure 1: Ribozyme Motifs

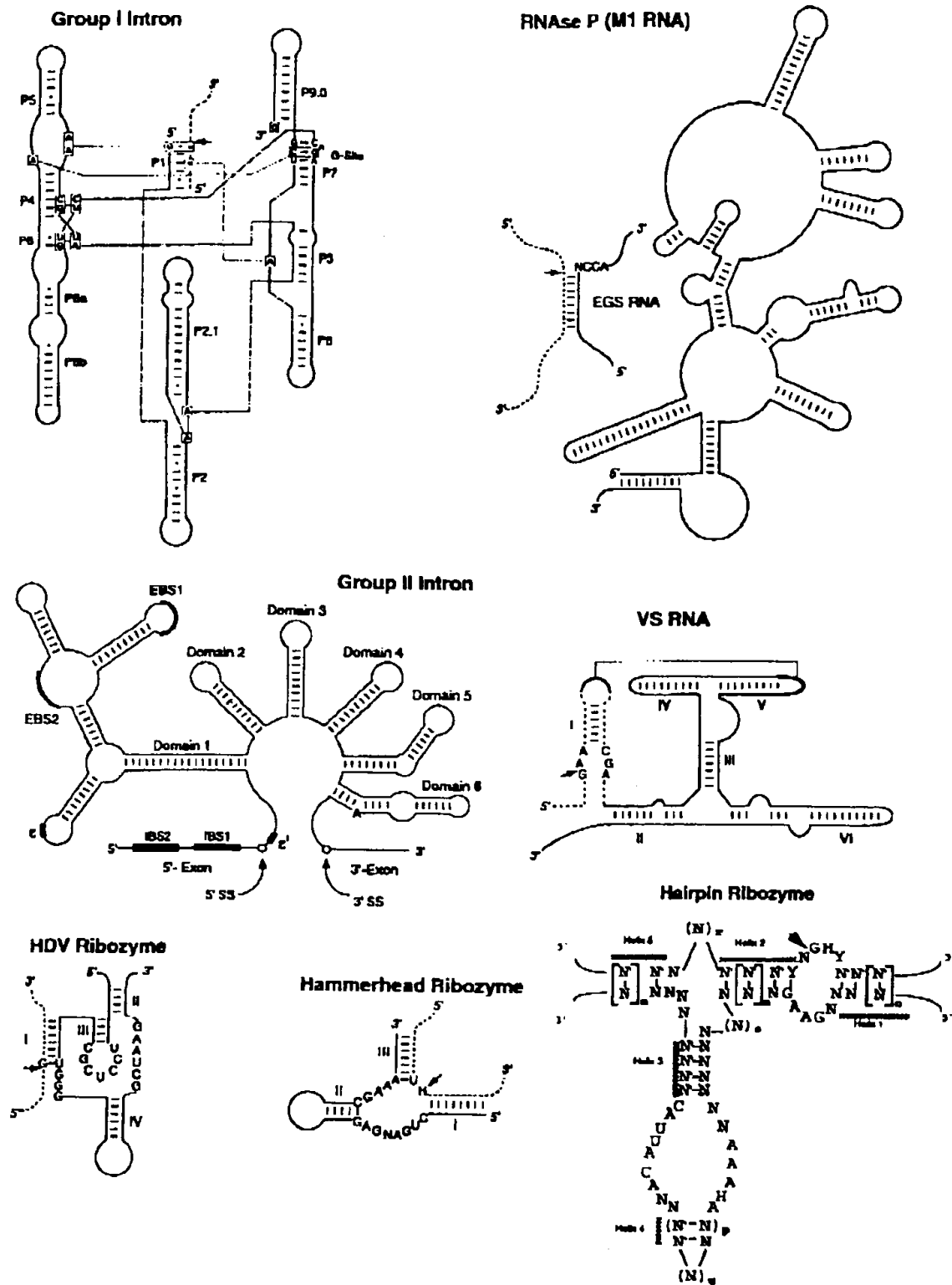
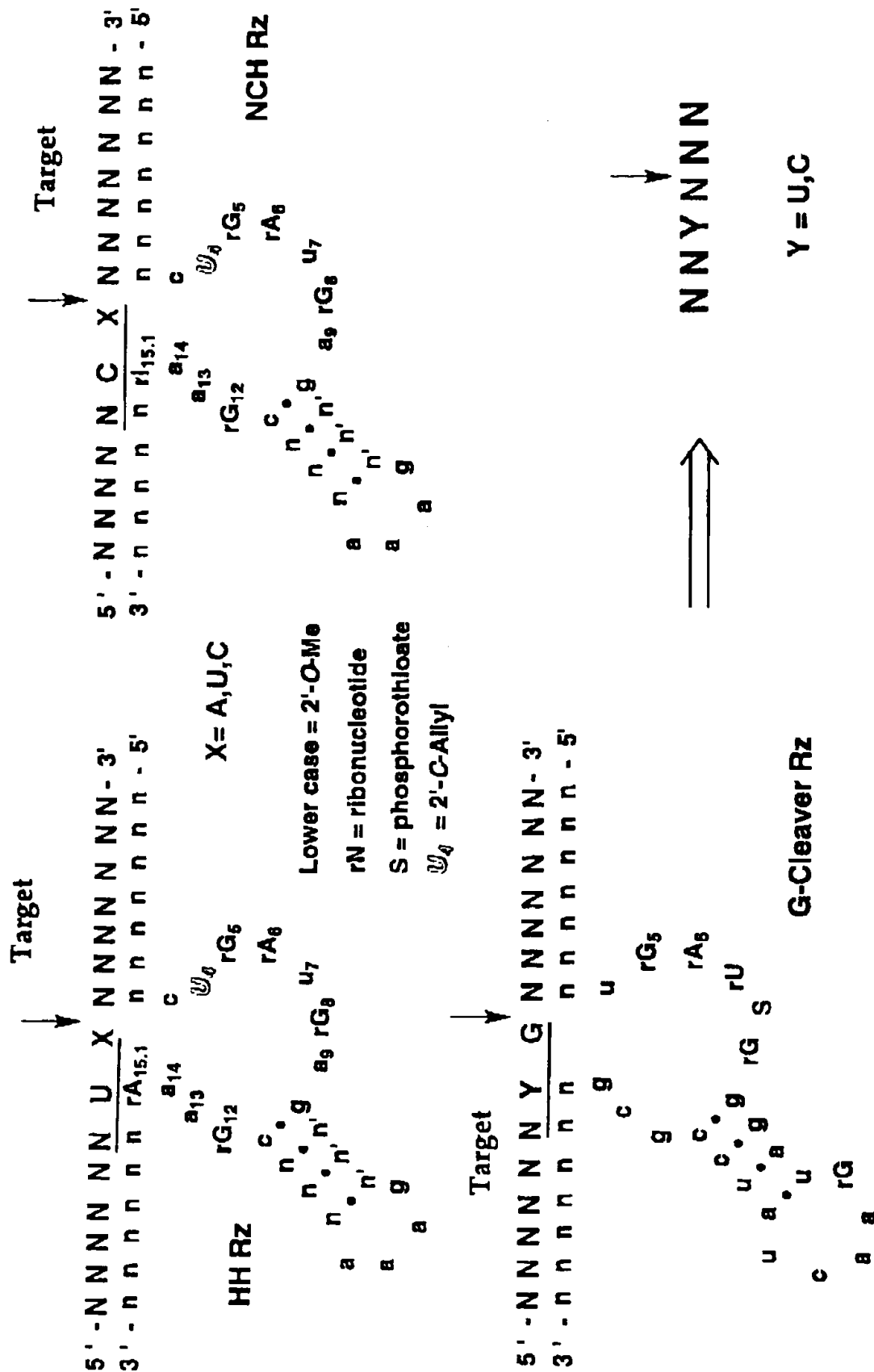


Figure 2: Examples of Nuclease Stable Ribozyme Motifs

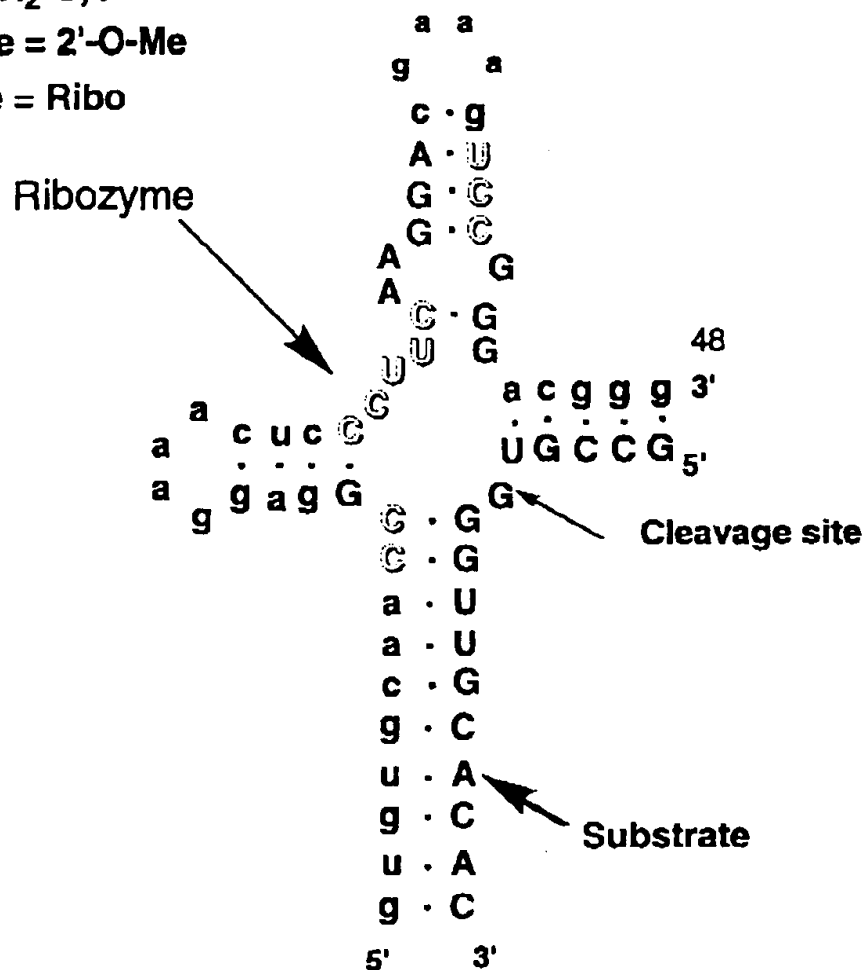


**Figure 3. 2'-O-Me substituted Amberzyme  
Enzymatic Nucleic Acid Motif**

**U,C = 2'-NH<sub>2</sub>-U,C**

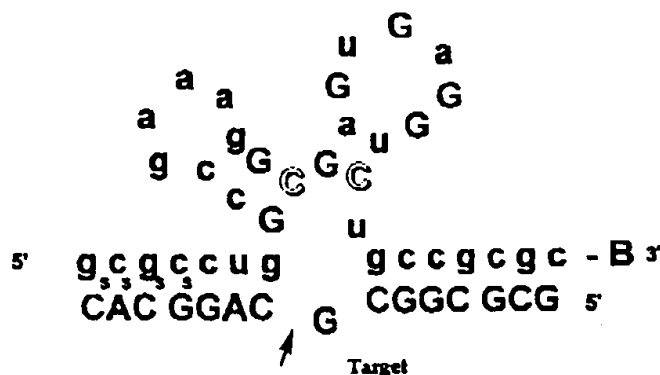
**Lower case = 2'-O-Me**

**Uppercase = Ribo**



# Figure 4: Zinzyme Motif

## Zinzyme A-motif RZ



### Legend

Uppercase Indicates natural ribo residues

Ⓒ Indicates Z' - d-NH<sub>2</sub>-C

Lowercase: Z'-O- Me

Subscript <sub>3</sub> Indicates phosphothioate linkage

B: 3'-3' abasic moiety

The GAAA tetraloop can be replaced by 18 atom polyethylene glycol (Spacer)  
All ribo G's can be replaced with Z'-O-methyl G